

1

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13

exact/norm bonds :

6-9 7-8 7-10 8-9 8-13 10-11 11-12 12-13 12-15 13-14

exact bonds :

5-7

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:CLASS 15:Atom

Element Count :

Node 15: Limited

N,N1-2

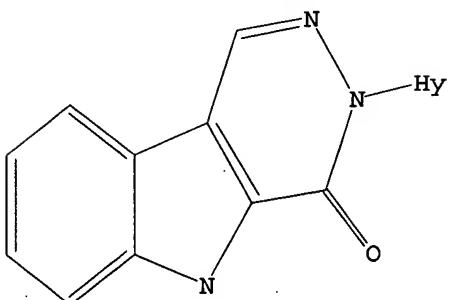
C,C4-10

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 14:02:29 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 191 TO ITERATE

100.0% PROCESSED 191 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 2991 TO 4649

PROJECTED ANSWERS: 3 TO 162

L2 3 SEA SSS SAM L1

=> s 11 sss full
FULL SEARCH INITIATED 14:02:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3723 TO ITERATE

100.0% PROCESSED 3723 ITERATIONS 51 ANSWERS
SEARCH TIME: 00.00.01

L3 51 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
166.94 167.15

FILE 'CAPLUS' ENTERED AT 14:02:40 ON 27 NOV 2006
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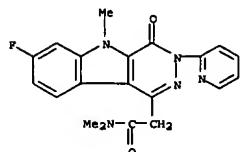
awn
work

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003-796709 CAPLUS
 DOCUMENT NUMBER: 139-307782
 TITLE: Preparation of 3-heteroaryl-3,5-dihydro-4-oxo-4H-pyridazino[4,5-b]indole-1-acetamides as
 benzodiazepine receptor ligands for treatment of peripheral neuropathy and neurodegenerative diseases
 INVENTOR(S): Froissart, Jacques; Marabout, Benoit; Marguet, Franck; Puech, Frédéric
 PATENT ASSIGNEE(S): Sanofi-Synthelabo, Fr.
 SOURCE: PCT Int. Appl., 25 pp.
 CODEN: PIAXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082874	A2	20031009	WO 2003-FR1027	20030402
WO 2003082874	A3	20040401		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MO, MK, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GG, GW, ML, MR, NE, SN, TD, TG				
FR 20031214	A1	20031011	FR 2002-4158	20030403
FR 20031814	B1	20040520		
CA 2481460	AA	20031009	CA 2003-2481460	20030402
AU 2003240930	A1	20031003	AU 2003-240930	20030402
EP 1492792	A2	20050129	EP 2003-730239	20030402
EP 1492792	B1	20060329		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, BE, HU, SK				
BR 2003009018	A	20050201	BR 2003-9018	20030402
US 2005144615	A1	20050609	US 2003-559265	20030402
CN 1656099	A	20050817	CN 2003-812222	20030402
JP 2005527566	T2	20050915	JP 2003-580339	20030402
AT 321763	E	20060415	AT 2003-730299	20030402
PT 1492792	T	20060831	PT 2003-730299	20030402
NO 2004041513	A	20041227	NO 2004-4153	20040930
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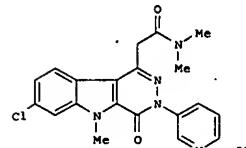
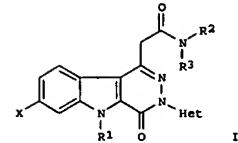
OTHER SOURCE(S): MARPAT 139-307782
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L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 610768-16-6P, 7-Chloro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(pyridin-2-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole-1-acetamide 610768-17-7P, 7-Chloro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(pyridin-3-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole-1-acetamide 610768-18-8P, 7-Chloro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(pyridin-3-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole hydrochloride 610768-19-9P,
 7-Chloro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(pyridin-4-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole hydrochloride 610768-20-2P, 7-Chloro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(6-methyl-pyridin-3-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole 610768-21-3P, 7-Chloro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(pyridin-3-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole 610768-22-4P, 7-Chloro-5-methyl-4-oxo-1-[(4-methylpiperazin-1-yl)carbonyl)methyl]-3-(pyridin-3-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole hydrochloride 610768-23-5P,
 7-Chloro-5-methyl-4-oxo-1-[(pyrrolidin-1-yl)carbonyl)methyl]-3-(pyridin-3-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole 610768-24-6P,
 7-Chloro-5-methyl-4-oxo-1-[(pyrrolidin-1-yl)carbonyl)methyl]-3-(pyridin-4-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole hydrochloride
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (benzodiazepine receptor ligand; prep. of heteroaryl dihydrooxo pyridazinoindoleacetamides as peripheral benzodiazepine receptor ligands)
 RN: 610768-13-3 CAPLUS
 CN: 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-fluoro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



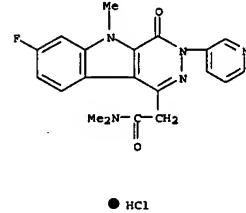
RN: 610768-14-4 CAPLUS
 CN: 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-fluoro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(3-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

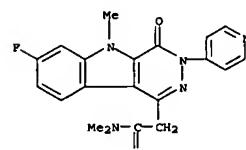


AB: Title compds. I (wherein X = H, halo; R1 = H, alkyl; R2, R3 = independently H, alkyl; NR2R3 = pyrrolidinyl, piperidinyl, morpholinyl, alkylpiperazinyl; Het = (un)substituted pyridinyl, quinolinyl, isoquinolinyl, pyrimidinyl, pyrazinyl, pyridazinyl; their salts, solvates or hydrates, and pharmaceutical compns.) were prepared as peripheral benzodiazepine receptor ligands. For example, II•HCl (m.p. 250-252°) was prepared by condensation of Me 6-chloro-1-methyl-1H-indole-2-carboxylate with Et 3-chloro-3-oxopropionate in DCE in the presence of TiCl4 for 12 h at room temperature, amidation with dimethylamine in toluene in the presence of DMAP, cyclization with hydrazine in toluene in the presence of catalytic amt. of PTSA, followed by N-arylation of the pyridazino[4,5-b]indole intermediate with 2-(pyridin-3-yl)-1,3,2-dioxaborinane in the presence of pyridine/TEA/Cu(OAc)2/mol. sieves. I inhibited [3H]R05-4864 binding to the peripheral benzodiazepine receptor in vitro with IC50 in the range of 1-200 nM. I increased neuron survival by 10-30% in a facial nerve lesion assay in 4-day old rats. I are useful as neuroprotectants for treatment of peripheral neuropathy and neurodegenerative diseases (in data).
 IT: 610768-13-3P, 7-Fluoro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(pyridin-2-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole 610768-14-4P, 7-Fluoro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(pyridin-3-yl)-3,5-dihydro-4H-pyridazino[4,5-b]indole hydrochloride 610768-15-5P,
 7-Fluoro-5-methyl-4-oxo-1-[(N,N-dimethylaminocarbonyl)methyl]-3-(pyridin-4-

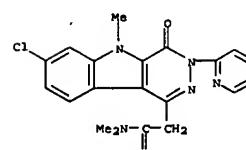
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



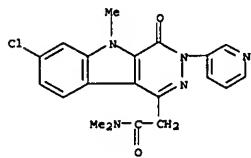
RN: 610768-15-5 CAPLUS
 CN: 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-fluoro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)



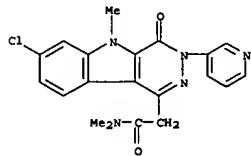
RN: 610768-16-6 CAPLUS
 CN: 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 RN 610768-17-7 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



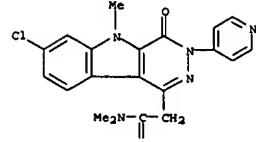
RN 610768-18-8 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(3-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

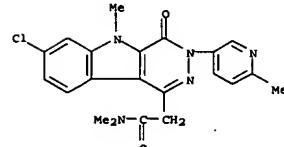
RN 610768-19-9 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(4-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

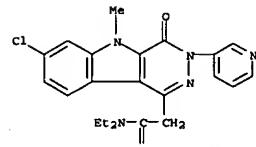


● HCl

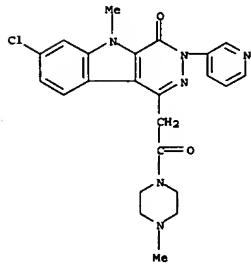
RN 610768-20-2 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-3-(6-methyl-3-pyridinyl)-4-oxo- (9CI) (CA INDEX NAME)



RN 610768-21-3 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-acetamide, 7-chloro-N,N-diethyl-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)

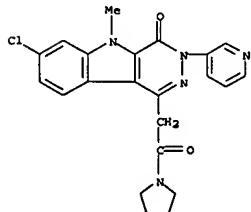


L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 RN 610768-22-4 CAPLUS
 CN Piperazine, 1-[(7-chloro-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)-3H-pyridazino[4,5-b]indol-1-yl]acetyl]-4-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



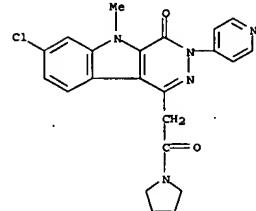
● HCl

RN 610768-23-5 CAPLUS
 CN Pyrrolidine, 1-[(7-chloro-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)-3H-pyridazino[4,5-b]indol-1-yl]acetyl]- (9CI) (CA INDEX NAME)



RN 610768-24-6 CAPLUS
 CN Pyrrolidine, 1-[(7-chloro-4,5-dihydro-5-methyl-4-oxo-3-(4-pyridinyl)-3H-pyridazino[4,5-b]indol-1-yl]acetyl]-, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:492189 CAPLUS
DOCUMENT NUMBER: 139:69291
TITLE: 3-Heteroaryl-3,5-dihydro-4-oxo-4H-pyridazinol[4,5-
b]indole-1-carboxamide derivatives, their
preparation,
and their application in therapeutics
INVENTOR(S): Burnier, Philippe; Froidmont, Jacques; Marabout,
Benoit; Marquet, Franck; Puech, Frederic
PATENT ASSIGNEE(S): Sanofi-Synthelabo S.A., Fr.
SOURCE: Fr. Demande, 37 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PR 2833953	A1	20030627	FR 2001-16701	200111221
PR 2833953	BI	20041203		
CA 2465750	AA	20030710	CA 2003-2465750	200311210
WO 200305884	A1	20030710	WO 2002-FR3979	200311220
W: GH, AG, AL, AM*, AT, AU, AZ, CO, CR, GU, CZ, DE, DK, DM, GM, HR, RU, LU, LV, MO, MO, PL, PT, RO, SC, SD, SE, SI, SK, TZ, US, UG, US, UZ, VC, VN, YU, ZM, ZW	BB, BA, BR, BY, CZ, CA, CH, DE, EC, ES, FR, FI, GB, GD, GE, IE, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, NO, OM, PL, PT, TJ, TM, TN, TR, TT			
RW: GH, GM, KE, LS, KG, KZ, MD, RU, TJ, TM, AT, FI, FR, GB, GR, IE, IT, LU, CO, CI, CM, GA, GN, GO, GW, LY, SI, LT, LV, PI, RO, MK, CY, AL, TR, BG, CZ, BE, SK	SL, SZ, TZ, UG, ZM, BE, BG, CH, CY, CZ, DE, DK, NL, PT, SE, SK, TR, BP, BJ, CP			
AU 20032611325	A1	20030715	AU 2002-3611325	200311210
EP 1458721	A1	20040922	EP 2002-7968652	200311220
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BR 2002015174	A	20041130	BR 2002-15174	200211210
HU 2004025678	A	20050329	HU 2004-2578	200211220
CN 1604998	A	20050404	CN 2002-82533	200211210
JP 2005511158	T2	20050512	JP 2003-556414	200211220
ZA 2004042425	A	20050531	ZA 2004-4245	200404531
NO 2004020536	A	20040921	NO 2004-2536	200404617
US 2005096321	A1	20050505	US 2004-499725	20040621
US 7109194	B2	20060919		
US 2006241116	A1	20061026	US 2006-427508	20060629
PRIORITY APPLN. INFO.:			FR 2001-16701	A 200111221
			WO 2002-FR3979	W 200211220
			WO 2002-FR5338	W 200211220
			US 2004-499725	A1 20040621

OTHER SOURCE(S): MARPAT 139:69291
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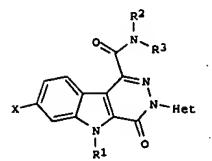
L4	ANSWER 2 OF 2 CAPLUS	COPYRIGHT 2006 ACS on STN	(Continued)
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	S50349-48-9P	550349-49-0P	550349-50-3P
	S50349-51-4P	550349-52-5P	550349-53-6P
	S50349-54-7P	550349-55-8P	550349-56-9P
	S50349-57-0P	550349-58-1P	550349-59-2P
	S50349-60-5P	550349-61-6P	550349-62-7P
	S50349-63-8P	550349-64-9P	550349-65-0P
	S50349-66-1P	550349-67-2P	550349-68-3P
RL:	SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)		
	(heteroarylidene)hydroxypyridazinodolocarboxamide derive. for neuroprotectants)		
RN	550349-28-35	CAPLUS	
CN	7H-Pyridazino[4,5-b]indole-1-carboxamide, 7-fluoro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)		

RN 550349-36-5 CAPLUS
CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(3-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

• KCl

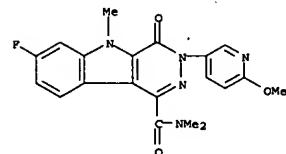
RN 550349-39-8 CAPLUS
CN 3H-Pyridazine[4,5-b]indole-1-carboxamide, 7-fluoro-4,5-dihydro-3-(6-methoxy-3-pyridinyl)-N,N,5-trimethyl-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

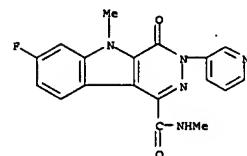


AB The invention has as an aim the compds. of general formula I in which X represents an atom of hydrogen or halogen; R represents a hydrogen atom or
 or
 Cl-4 alkyl; R2 and R3 represent each one, independently one of the other, a hydrogen atom or Cl-4 alkyl, or R2 and R3 form, with the nitrogen atom which carries them, a pyrrolidinyl group, piperidinyl, morpholinyl or 4-alkylpiperazinyl; and Het represents a heteroarom. group of pyridinyl, quinolinyl, isoquinolinyl, pyrimidinyl, pyrazinyl, pyridazinyl; the heteroarom. group being able to carry one or more atoms of halogen and/or one or more Cl-4 alkyl, Cl-4 alkoxy; as bases, additive salts with acids, solvates or hydrates; pharmaceutical compds. containing these compds., and the process for prepn of them and of intermediates of the synthesis. These compds. increase the neuron survival by 10-30% in 4-day old rats. Thus, adding 54 g 4-fluoro-2-nitrotoluene in THF to THF-MeOH containing 47 g KOCMe₃, and 61.2 g Et oxalate at -5°, stirring 12 h at room temperature, dissolving the resulting K salts in EtOH, adding small portions of 80 mL HCl at 0°, portionwise adding 35 g Fe, heating 5 h at reflux, adding 12 mL MeI in DMP to suspension of 7.9 g NaH and 36.1 g resulting Me 6-fluoro-1H-indole-2-carboxylate containing 10-20% Et ester in DMF, stirring 12 h, adding 10 g resulting Me 6-fluoro-1-methyl-1H-indole-2-carboxylate containing 10-20% Et ester to a mixture containing Et chlorooxocacetate 6.7, 1,2-dichloroethane 220 mL, and TiCl₄ 6.6 mL at 0°, stirring 12 h at room temperature, refluxing 0.4 g resulting Et 6-fluoro-2-(methoxycarbonyl)-1-methyl- α -oxo-1H-indole-3-acetate containing 10-20% 2-ethoxycarbonyl derivative with several drops of HOAc and 0.6 g 2-pyridinylhydrazine in EtOH for 17 h, and amidating the resulting Et 7-fluoro-5-methyl-4-oxo-3-(pyridin-2-yl)-3,5-dihydro-4H-pyrazidino[4,5-b]indole-1-carboxylate gave I (X = F, R1 = R2 = R3 = Me, Het = 2-pyridinyl).
 IT 550349-28-5P 550349-36-5P 550349-39-8P

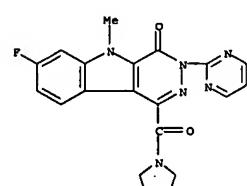
L4 ANSWER 2 OP 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 550349-42-3 CAPLUS
CN 3H-Pyridazin[4,5-b]indole-1-carboxamide, 7-fluoro-4,5-dihydro-N,5-dimethyl-4-oxo-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



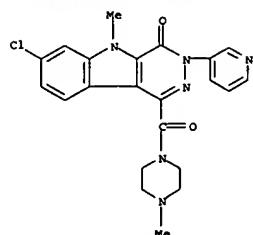
RN 550349-44-5 CAPLUS
CN Pyrrolidine,
1-[(7-fluoro-4,5-dihydro-5-methyl-4-oxo-3-(2-pyrimidinyl)-3H-pyridazino[4,5-b]indol-1-yl)carbonyl]- (9CI) (CA INDEX NAME)



RN 550349-46-7 CAPLUS
CN *Piperaxine, 1-[(7-chloro-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)-3H-pyrazinzo[4,5-b]indol-1-yl]carbonyl]-4-methyl-, monohydrochloride (9CI)*

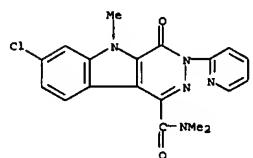
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

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● HCl

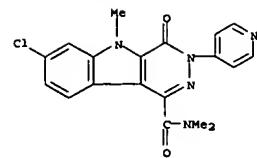
RN 550349-48-9 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 550349-49-0 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(4-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

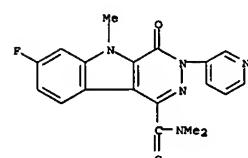
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

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● HCl

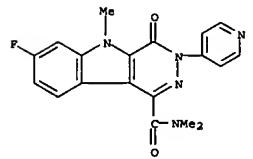
RN 550349-50-3 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-fluoro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 550349-51-4 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-fluoro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(4-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

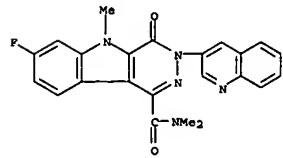
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

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● HCl

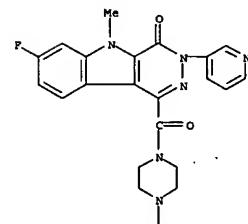
RN 550349-52-5 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-fluoro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(3-quinolyl)- (9CI) (CA INDEX NAME)



RN 550349-53-6 CAPLUS
 CN Piperazine, 1-[(7-fluoro-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)-3H-pyridazino[4,5-b]indol-1-yl]carbonyl]-4-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

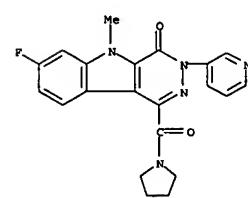
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

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● HCl

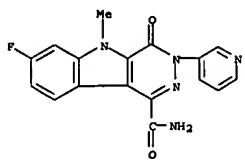
RN 550349-54-7 CAPLUS
 CN Pyrrolidin-1-[(7-fluoro-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)-3H-pyridazino[4,5-b]indol-1-yl]carbonyl]- (9CI) (CA INDEX NAME)



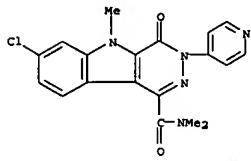
RN 550349-55-8 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-fluoro-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

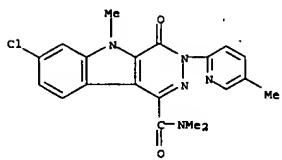
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RN 550349-56-9 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-3-(4-pyridinyl)-4-oxo- (9CI) (CA INDEX NAME)



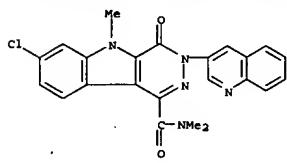
RN 550349-57-0 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-3-(5-methyl-2-pyridinyl)-4-oxo- (9CI) (CA INDEX NAME)



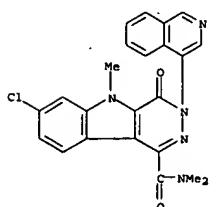
RN 550349-58-1 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-3-(6-methoxy-3-pyridinyl)-N,N,5-trimethyl-4-oxo- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

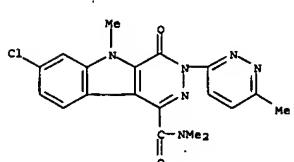
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RN 550349-62-7 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-3-(4-pyridinyl)-N,N,5-trimethyl-4-oxo- (9CI) (CA INDEX NAME)



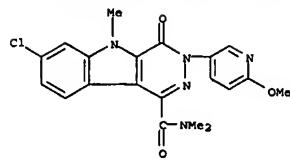
RN 550349-63-8 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-3-(6-methyl-3-pyridazinyl)-4-oxo- (9CI) (CA INDEX NAME)



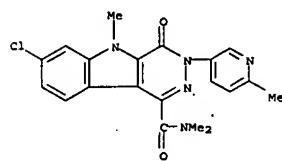
RN 550349-64-9 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(5-pyrimidinyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

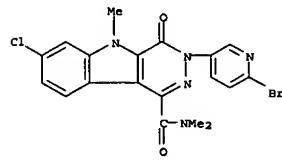
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RN 550349-59-2 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-3-(6-methyl-3-pyridinyl)-4-oxo- (9CI) (CA INDEX NAME)



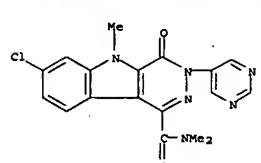
RN 550349-60-5 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-3-(6-bromo-3-pyridinyl)-4-oxo- (9CI) (CA INDEX NAME)



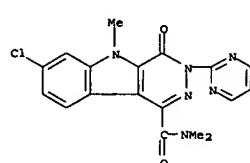
RN 550349-61-6 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(3-quinolinyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

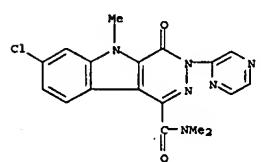
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RN 550349-65-0 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-(2-pyrimidinyl)- (9CI) (CA INDEX NAME)



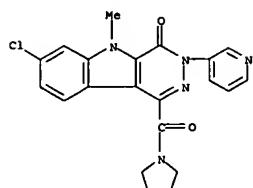
RN 550349-66-1 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxamide, 7-chloro-4,5-dihydro-N,N,5-trimethyl-4-oxo-3-pyrazinyl- (9CI) (CA INDEX NAME)



RN 550349-67-2 CAPLUS
 CN Pyrrolidine, 1-[(7-chloro-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)-3H-pyridazino[4,5-b]indol-1-yl)carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

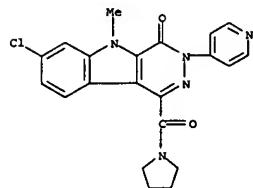
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

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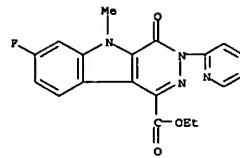
● HCl

RN 550349-68-3 CAPLUS
 CN Pyrrolidine, 1-[(7-chloro-4,5-dihydro-5-methyl-4-oxo-3-(4-pyridinyl)-3H-pyridazino[4,5-b]indol-1-yl)carbonyl]- (9CI) (CA INDEX NAME)

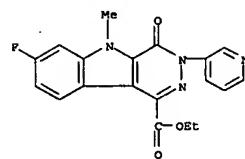


IT 550349-43-4P 550349-43-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (precursor; heterocaryldihydrooxopyridazinonodolecarboxamide derivs. for neuroprotectants)
 RN 550349-35-4 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxylic acid, 7-fluoro-4,5-dihydro-5-methyl-4-oxo-3-(2-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 550349-43-4 CAPLUS
 CN 3H-Pyridazino[4,5-b]indole-1-carboxylic acid, 7-fluoro-4,5-dihydro-5-methyl-4-oxo-3-(3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT